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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,416

Page 1 of 7

APPLICATION NO. : 09/684,856

DATED : Apr. 19, 2005

INVENTOR(S) : Reginald HUNTER, Eduardo MARQUIS

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the Cover of the Patent

Item [56], References Cited, U.S. PATENT DOCUMENTS: Please include the following references:

4,626,101 *	12/1986	Ogawa et al. ....	356/237.2
4,644,172 *	2/1987	Sandland et al. ....	250/548
5,127,726 *	7/1992	Moran, Kevin E. ....	356/237.2
5,742,395 *	4/1998	Biedermann et al. ...	356/237.5
4,441,124	4/1984	Heebner et al.	
4,449,818	5/1984	Yamaguchi et al.	
4,772,126	9/1988	Allemand et al.	
4,893,932	1/1990	Knollenberg	
4,941,980	7/1990	Halavee et al.	
4,969,748	11/1990	Crowley et al.	
5,120,034	6/1992	Van Engelen et al.	
5,177,559	1/1993	Batchelder et al.	
5,483,138	1/1996	Shmookler et al.	
5,563,798	10/1996	Berken et al.	
5,659,172	8/1997	Wagner et al.	
5,748,305	5/1998	Shimono et al.	
5,797,317	8/1998	Lahat e al.	
5,822,213	10/1998	Huynh	
5,909,276	6/1999	Kinney et al. ....	356/237
5,834,758	11/1998	Trulson e al. ....	250/201.2
5,781,230	7/1998	Nguyen et al. ....	348/128
5,737,072	4/1998	Emery et al. ....	356/73
5,465,152	11/1995	Bilodeau et al. ....	356/371
4,920,385	4/1990	Clarke et al. ....	356/237
4,499,595	2/1985	Masaitis et al. ....	382/9
5,903,342	5/1999	Yatsugake et al. ....	356/237.4
5,889,593	5/1999	Bareket .....	356/445
5,883,710	3/1999	Nikoonahad et al. ...	356/237.2

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5,861,952	1/1999	Tsuji et al. ....	356/349
5,818,576	10/1998	Morishige et al. ....	356/237
5,805,278	9/1998	Danko .....	356/237
5,801,824	9/1998	Henley .....	356/237
5,774,222	6/1998	Maeda et al. ....	356/394
5,699,447	12/1997	Alumot et al. ....	382/145
5,694,214	12/1997	Watanabe et al. ....	356/237
5,663,569	9/1997	Hayano .....	250/559.45
5,644,393	7/1997	Nakamura et al. ....	356/237
5,637,881	6/1997	Burghard et al. ....	250/573
5,486,919	1/1996	Tsuji et al. ....	356/349
5,463,459	10/1995	Morioka et al. ....	356/237
5,416,594	5/1995	Gross et al. ....	356/237
4,898,471	2/1990	Stronestrom et al. ...	356/394
5,864,394	1/1999	Jordan III et al. ....	356/237
5,808,735	9/1998	Lee et al. ....	356/237
5,186,718	2/1993	Tepman et al. ....	29/25.01
4,989,973	2/1991	Noso et al. ....	356/239
4,626,101	12/1986	Ogawa et al. ....	356/237
5,912,732	6/1999	Sekine .....	356/237.5
6,236,903	5/2001	Kim et al. ....	700/121
6,020,957	2/2000	Rosengaus et al. ...	356/237.4
5,646,725	7/1997	Hagiwara .....	356/237

Item [56], References Cited, FOREIGN PATENT DOCUMENTS: Please include the following references:

WO 99/56113	11/1999	.....	G01N/21/89
WO 99/00661	1/1999	.....	G01N/21/64
EP 0638801 A	2/1995	.....	G01N/21/88
EP 1083424 A2	3/2001	.....	G01N/21/94
EP 0206709 A2	12/1986	.....	G06K/9/00
WO 97/19416	5/1997	.....	G06K/7/10
WO 99/49500	9/1999	.....	H01L/21/00
EP 0821085 A1	1/1998	.....	C30B/31/10
EP 0398781 A3	11/1990	.....	G01N/21/88
JP 09196859	7/1997	.....	G01N/21/88

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Item [56], References Cited, OTHER PUBLICATIONS: Please include the following references:

European Search Report Dated December 12, 2000

Search Report from EPO Appl. No. 00307704.7, dated March 1, 2001

U.S. Patent Application Serial No. 09/173,669, Detection of Wafer Fragments in a Wafer Processing Apparatus, filed on October 15, 1998

International Search Report for PCT/US01/31079, dated June 24, 2002

International Search Report for PCT/US01/42483, dated October 14, 2002

International Search Report for PCT/US01/31426, dated November 27, 2002

International Search Report for PCT/US01/31094, dated November 27, 2002

### In the Specification

Column 1, Line 10: Insert a period at the end of the line

Column 1, Line 28: Change "planorization" to --planarization--

Column 1, Line 55: Insert a period at the end of the line

Column 1, Line 56: After "orientation", insert --are--

Column 3, Line 45: Before "optical", change "a" to --an--

Column 3, Line 49: Change the comma after "surface" to a semicolon

Column 4, Line 23: Delete the second instance of "FIG. 1C"

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It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 4, Line 62: Change "is a" to --are--

Column 4, Line 62: Change "view" to --views--

Column 4, Line 66: Change "is a" to --are--

Column 4, Line 66: Change "view" to --views--

Column 5, Line 15: Before "etch", change "a" to --an--

Column 6, Line 18: Change "frontend" to --front-end--

Column 7, Line 37: After "by", change "an" to --a--

Column 8, Line 6: After "capable", insert --of--

Column 8, Line 8: After "capable", insert --of--

Column 9, Line 3: Delete "shows"

Column 9, Line 31: Insert a comma after "(PMT)"

Column 9, Line 49: Insert a period at the end of the line

Column 9, Line 58: Before "3A-C", insert --FIGS.--

Column 10, Line 48: After "associated", insert --with--

Column 13, Line 6: Insert a period after "environment"

Column 13, Line 38: Delete the comma after "75"

Column 13, Line 61: Insert a period after "embodiment"

Column 14, Line 2: Delete the semicolon after "46"

Column 15, Line 4: Change the comma after "processing" to a period

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It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 15, Line 41: After "disposed on", delete "a"

Column 16, Line 8: Insert a period after "environment"

Column 16, Line 11: Before "made", insert --be--

Column 17, Line 1: Delete the period after "adjusted"

Column 17, Line 17: Delete the comma after "scatter"

Column 17, Line 18: Insert a period after "sight"

Column 17, Line 43: Delete "of"

Column 18, Line 19: Change "maybe" to --may be--

Column 18, Line 60: Change "In" to --It--

Column 20, Line 57: Insert a period after "first"

Column 20, Line 57: Change "but" to --by--

Column 21, Line 10: Insert a period after "throughput"

Column 21, Line 63: Change "regions(s)" to --region(s)--

Column 22, Line 26: Delete "in"

Column 22, Line 31: Delete the comma after "defects"

Column 23, Line 2: Change "with our" to --without--

Column 23, Line 20: Insert a period after "light"

Column 23, Line 60: Insert --is-- after "camera"

Column 25, Line 30: Insert a period after "experiment"

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It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 25, Line 33: Change "H2O" to --H<sub>2</sub>O--

Column 25, Line 63: Insert a period after "sigma"

Column 26, Line 30: Delete the comma after "photoresist"

Column 27, Line 33: Insert a period after "art"

Column 27, Line 47: Change "were" to --where--

Column 27, Line 67: Insert a period after "component"

Column 28, Line 42: Delete the comma after "portion"

Column 28, Line 55: Change the comma at the end of the line to a period

Column 28, Line 67: Delete "therefore"

Column 29, Line 49: Change "place" to --placed--

Column 30, Line 3: Insert a period after "light"

Column 31, Line 10: Insert a period after "embodiment"

Column 31, Line 47: Change "to-detect" to --to detect--

Column 32, Line 39: Change "Overtime" to --Over time--

Column 32, Line 40: Change "maybe" to --may be--

Column 34, Line 4: Change "Initiaizion" to --Initialization--

Column 34, Line 15: Change "pixer" to --pixel--

Column 35, Line 13: Insert a period after "environment"

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Column 36, Line 21: Change "proceed" to --proceeds--

Column 37, Line 30: Delete the comma after "intensities"

In the Claims

Column 39, Claim 15, Line 58: Change "topological" to --topographical--

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